



Unobserved time effects confound the identification of climate change impacts

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Abstract:

A recent study by Feng et al. [Feng S, Krueger A, Oppenheimer M (2010) Proc Natl Acad Sci USA 107:14257-14262] in PNAS reported statistical evidence of a weather-driven causal effect of crop yields on human migration from Mexico to the United States. We show that this conclusion is based on a different statistical model than the one stated in the paper. When we correct for this mistake, there is no evidence of a causal link.

Source: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3409766>

Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Food/Water Security, Human Conflict/Displacement

Food/Water Security: Agricultural Productivity

Geographic Feature:

resource focuses on specific type of geography

General Geographical Feature

Geographic Location:

resource focuses on specific location

Non-United States

Non-United States: Non-U.S. North America

Health Impact:

specification of health effect or disease related to climate change exposure

Health Outcome Unspecified

Resource Type:

format or standard characteristic of resource

Climate Change and Human Health Literature Portal

Research Article

Timescale: ☒

time period studied

Historical